

Table C-86. Federal obligations for total research and development to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per- cent of total	1996			1997		
				Total	Personnel costs	Per- cent of total	Total	Personnel costs	Per- cent of total
Total, all agencies	9,999,435	5,267,656	53	9,643,863	5,224,735	54	9,850,914	5,428,441	55
Departments:									
Department of Agriculture, total	915,311	550,327	60	897,721	590,196	66	922,261	607,213	66
Agricultural Marketing Service	4,316	2,065	48	4,864	2,103	43	4,905	2,127	43
Agricultural Research Service ¹	648,886	353,997	55	643,354	374,239	58	662,818	394,377	60
Animal & Plant Hlth Inspection Svc	17,530	12,797	73	18,231	13,309	73	19,065	13,917	73
Cooperative State Research, Education, & Extension Service ²	19,034	11,341	60	18,824	12,070	64	19,336	12,395	64
Economic Research Service	50,644	37,890	75	51,249	38,622	75	53,065	39,389	74
Foreign Agricultural Service ³	343	343	100	1,067	1,067	100	1,067	1,067	100
Forest Service	167,674	126,000	75	152,168	141,960	93	153,954	137,000	89
Grain Inspection Packers & Stockyards Administration ⁴	1,484	1,306	88	2,797	2,461	88	2,830	2,490	88
Nat'l Agricultural Statistics Svc	3,844	3,042	79	3,767	2,965	79	3,821	3,051	80
Rural Business-Cooperative Svc ⁵	1,556	1,546	99	1,400	1,400	100	1,400	1,400	100
Department of Commerce, total	664,764	432,355	65	688,100	445,710	65	712,320	465,243	65
Bureau of the Census	4,856	3,465	71	7,074	4,423	63	7,074	4,423	63
Economic Development Admin	10	5	50	10	5	50	30	15	50
National Inst of Standards & Tech	211,048	126,728	60	219,873	136,130	62	225,611	142,012	63
Nat'l Oceanic & Atmospheric Admin	442,466	295,773	67	456,663	300,672	66	474,860	314,048	66
National Telecommunications & Information Administration	6,383	6,383	100	4,479	4,479	100	4,745	4,745	100
Office of the Secretary	1	1	100	1	1	100	0	0	0
Department of Defense, total	1,563,632	829,309	53	1,402,031	778,984	56	1,365,977	775,114	57
Department of the Army	543,061	309,212	57	397,420	269,612	68	413,975	271,741	66
Department of the Navy	380,885	201,265	53	402,195	215,772	54	356,785	188,849	53
Department of the Air Force	390,323	234,127	60	426,664	233,775	55	425,636	252,569	59
Defense Agencies, total	249,363	84,705	34	175,752	59,825	34	169,581	61,955	37
Ballistic Missile Defense Organization	15,190	268	2	12,084	3,121	26	16,226	3,189	20
Defense Advanced Research Projects Agency ⁶	60,152	45,114	75	44,731	33,549	75	48,952	36,714	75
Defense Information Systems Agency	1,717	1	*	1,455	1	*	1,849	1	*
Defense Logistics Agency	7,062	1	*	7,981	1	*	7,785	1	*
Defense Nuclear Agency	47,118	4,711	10	35,962	3,596	10	41,405	4,140	10
Special Operations Command	22,883	644	3	12,491	352	3	8,627	243	3
Washington Headquarters Svcs ⁷	95,241	33,966	36	61,048	19,205	31	44,737	17,667	39

See explanatory information, if any, and SOURCE at end of table.

Table C-86. Federal obligations for total research and development to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per- cent of total	1996			1997		
				Total	Personnel costs	Per- cent of total	Total	Personnel costs	Per- cent of total
Department of Education	9,164	6,405	70	8,865	6,337	71	9,316	6,491	70
Department of Energy	490,665	114,880	23	416,157	105,222	25	507,294	106,469	21
Dept of Health & Human Svcs, total	2,484,935	1,180,354	48	2,239,555	1,201,705	54	2,362,142	1,264,551	54
Administration on Aging	854	577	68	854	577	68	341	231	68
Admin for Children & Families	240	240	100	180	180	100	380	380	100
Agcy for Hlth Care Policy & Rsch	26,577	12,710	48	17,109	10,245	60	25,715	13,583	53
Centers for Disease Control & Prevention	275,498	234,173	85	281,294	239,100	85	319,294	271,400	85
Food & Drug Administration	153,932	138,539	90	153,932	138,539	90	153,932	138,539	90
Health Care Financing Admin	64	10	16	40	10	25	51	10	20
Health Resources & Services Admin ..	2,832	2,385	84	2,427	1,977	81	2,091	1,987	95
National Institutes of Health ⁸	2,010,548	779,639	39	1,780,171	808,129	45	1,856,788	835,671	45
Office of the Assistant Secretary for Health	29	29	100	48	48	100	50	50	100
Office of the Secretary	3,750	1,441	38	3,500	2,900	83	3,500	2,700	77
Social Security Administration ⁹	10,611	10,611	100	NA	NA	NA	NA	NA	NA
Dept of Housing & Urban Dvlpmnt	25,682	19,000	74	18,976	14,000	74	25,815	20,000	77
Department of the Interior, total	491,881	294,920	60	492,786	269,300	55	508,342	287,326	57
Bureau of Reclamation	7,075	3,519	50	5,566	2,907	52	7,566	3,868	51
Geological Survey ¹⁰	326,263	189,976	58	470,364	255,794	54	483,381	272,305	56
Minerals Management Service	5,943	3,422	58	7,731	3,797	49	7,809	3,901	50
National Biological Service ^{11 10}	143,483	91,248	64	NA	NA	NA	NA	NA	NA
National Park Service ¹¹	9,111	6,750	74	9,119	6,797	75	9,586	7,252	76
Office of the Secretary	6	5	83	6	5	83	0	0	0
Department of Justice, total	17,422	6,642	38	42,210	6,658	16	43,755	6,757	15
Bureau of Prisons	2,600	2,000	77	2,400	1,900	79	2,400	1,900	79
Drug Enforcement Administration	50	50	100	145	145	100	100	100	100
Federal Bureau of Investigation	10,937	4,228	39	36,784	4,272	12	34,829	4,317	12
Immigration & Naturalization Svc	40	40	100	40	40	100	40	40	100
Office of Justice Programs	3,795	324	9	2,841	301	11	6,386	400	6
Department of Labor, total	11,624	7,378	63	14,076	5,532	39	20,888	5,724	27
Bureau of Labor Statistics	3,779	1,446	38	8,200	2,144	26	12,600	2,203	17
Employment & Training Admin	2,744	1,356	49	1,550	1,425	92	1,459	1,459	100
Occupational Safety & Hlth Admin	1,286	1,286	100	935	935	100	1,029	1,029	100
Office of the Secretary	2,794	2,269	81	2,365	2	*	4,769	2	*
Pension Benefit Guaranty Corp	233	233	100	238	238	100	243	243	100
Pension & Welfare Benefits Admin	788	788	100	788	788	100	788	788	100
Department of State	402	402	100	405	405	100	405	405	100

See explanatory information, if any, and SOURCE at end of table.

Table C-86. Federal obligations for total research and development to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per- cent of total	1996			1997		
				Total	Personnel costs	Per- cent of total	Total	Personnel costs	Per- cent of total
Department of Transportation, total	235,545	85,993	37	191,070	86,643	45	239,351	88,075	37
Coast Guard	14,000	5,471	39	14,226	5,550	39	14,040	5,458	39
Federal Aviation Administration	122,432	64,804	53	87,808	66,512	76	95,019	66,546	70
Federal Highway Administration	51,989	101	*	47,638	473	1	81,708	569	1
Federal Railroad Administration	15,602	1,962	13	12,468	2,015	16	15,101	1,971	13
Federal Transit Administration	4,232	2,212	52	2,634	2,164	82	2,630	2,130	81
Maritime Administration	723	487	67	0	0	0	454	242	53
National Highway Traffic Safety Administration	20,865	6,885	33	19,209	6,339	33	23,681	7,815	33
Office of the Secretary	2,901	2,616	90	2,897	2,025	70	2,808	1,768	63
Research & Special Programs Admin ..	2,801	1,455	52	4,190	1,565	37	3,910	1,576	40
Department of the Treasury, total	35,175	24,597	70	40,347	28,337	70	44,585	33,940	76
Bureau of Engraving & Printing	1,616	131	8	2,049	216	11	1,952	200	10
Internal Revenue Service	31,186	22,228	71	35,585	25,546	72	39,796	31,050	78
Office of Thrift Supervision	550	415	75	546	408	75	583	436	75
United States Customs Service	1,540	1,540	100	1,860	1,860	100	1,870	1,870	100
United States Mint	42	42	100	43	43	100	89	89	100
United States Secret Service ¹²	241	241	100	264	264	100	295	295	100
Department of Veterans Affairs	235,360	155,337	66	274,347	181,069	66	256,000	168,960	66
Other agencies:									
Advisory Commission on Intergovernmental Relations	1,413	893	63	1,402	850	61	0	0	0
Appalachian Regional Commission	100	100	100	100	100	100	100	100	100
Consumer Product Safety Commission ...	367	175	48	30	30	100	0	0	0
Environmental Protection Agency	224,639	224,639	100	186,185	186,185	100	236,633	236,633	100
Federal Communications Commission	2,268	2,268	100	2,819	2,819	100	2,749	2,749	100
Federal Trade Commission	564	395	70	981	697	71	1,034	724	70
International Development Cooperation Agency, total	61,948	46,331	75	36,567	27,863	76	21,249	15,981	75
Agency for Internat'l Dvlpmnt	61,948	46,331	75	36,567	27,863	76	21,249	15,981	75
Library of Congress	10,151	7,643	75	8,320	8,319	100	9,116	8,255	91
National Aeronautics & Space Admin	2,253,736	1,138,195	51	2,403,417	1,130,233	47	2,301,038	1,189,246	52
National Archives & Records Admin	120	120	100	120	120	100	120	120	100
National Science Foundation	17,343	12,140	70	20,061	14,043	70	18,942	13,259	70
Nuclear Regulatory Commission	15,463	11,549	75	13,872	10,968	79	13,760	11,271	82
Smithsonian Institution	124,000	80,600	65	125,400	81,510	65	136,800	88,920	65
Social Security Administration ⁹	NA	NA	NA	1,656	1,656	100	1,075	1,075	100
Tennessee Valley Authority	93,070	27,934	30	103,352	31,876	31	77,000	16,608	22

See explanatory information, if any, and SOURCE at end of table.

Table C-86. Federal obligations for total research and development to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per- cent of total	1996			1997		
				Total	Personnel costs	Per- cent of total	Total	Personnel costs	Per- cent of total
US Arms Control & Disarmament Agcy ...	250	50	20	90	18	20	200	40	20
United States Information Agency	289	5	2	150	5	3	136	5	4
US Internat'l Trade Commission	12,152	6,720	55	12,695	7,345	58	12,511	7,187	57

- ¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- ² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- ³ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- ⁴ The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- ⁵ This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- ⁶ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.
- ⁷ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.
- ⁸ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- ⁹ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- ¹⁰ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- ¹¹ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- ¹² The United States Secret Service was formerly listed as the Office of Protective Research.

NOTES: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

Increases in personnel costs are due to more complete reporting according to the National Science Foundation's definition of R&D, and not to actual increases in personnel costs.

Because of rounding, detail may not add to totals.

KEY: * = Percentage less than .05%

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-87. Federal obligations for total basic research to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per- cent of total	1996			1997		
				Total	Personnel costs	Per- cent of total	Total	Personnel costs	Per- cent of total
Total, all agencies	2,712,918	1,247,974	46	2,413,879	1,244,215	52	2,667,782	1,290,812	48
Departments:									
Department of Agriculture, total	388,227	222,281	57	383,246	233,506	61	395,074	245,377	62
Agricultural Research Service ¹	350,399	190,722	54	347,410	202,088	58	357,921	212,963	60
Cooperative State Research,									
Education, & Extension Service ²	8,269	5,047	61	8,175	5,371	66	8,988	5,962	66
Economic Research Service	5,065	3,789	75	5,125	3,862	75	5,307	3,939	74
Foreign Agricultural Service ³	257	257	100	978	978	100	978	978	100
Forest Service	22,915	21,420	93	20,279	20,200	100	20,583	20,500	100
Nat'l Agricultural Statistics Svc	1,322	1,046	79	1,279	1,007	79	1,297	1,035	80
Department of Commerce, total	34,607	18,520	54	33,101	20,116	61	34,186	20,981	61
Bureau of the Census	312	212	68	307	236	77	307	236	77
National Inst of Standards & Tech	34,295	18,308	53	32,794	19,880	61	33,879	20,745	61
Department of Defense, total	320,441	144,629	45	272,544	125,607	46	292,703	134,322	46
Department of the Army	127,471	53,556	42	82,346	43,955	53	95,141	48,679	51
Department of the Navy	139,031	61,062	44	123,705	54,331	44	127,969	56,204	44
Department of the Air Force	31,235	22,531	72	55,444	22,146	40	57,971	22,699	39
Defense Agencies, total	22,704	7,480	33	11,049	5,175	47	11,622	6,740	58
Ballistic Missile Defense									
Organization	210	210	100	250	250	100	255	255	100
Defense Advanced Research									
Projects Agency ⁴	5,961	4,471	75	3,061	2,296	75	5,012	3,759	75
Washington Headquarters Svcs ⁵	16,533	2,799	17	7,738	2,629	34	6,355	2,726	43
Department of Education	197	129	65	149	99	66	155	102	66
Department of Energy	36,855	6,012	16	59,089	5,355	9	68,568	5,097	7
Dept of Health & Human Svcs, total	1,193,839	437,598	37	907,801	453,457	50	1,142,062	468,766	41
Administration on Aging	0	0	0	171	115	67	0	0	0
Health Resources & Services Admin	1,010	1,000	99	800	790	99	800	790	99
National Institutes of Health ⁶	1,192,829	436,598	37	906,830	452,552	50	1,141,262	467,976	41
Department of the Interior, total	50,216	30,542	61	49,533	26,800	54	51,076	28,662	56
Geological Survey ⁷	37,649	21,836	58	49,370	26,660	54	50,861	28,482	56
National Biological Service ^{8 7}	12,255	8,456	69	NA	NA	NA	NA	NA	NA
National Park Service ⁸	312	250	80	163	140	86	215	180	84
Department of Justice, total	45	45	100	41	10	24	800	116	14
Office of Justice Programs	45	45	100	41	10	24	800	116	14
Department of Labor, total	2,279	246	11	6,400	704	11	11,300	1,243	11
Bureau of Labor Statistics	2,279	246	11	6,400	704	11	11,300	1,243	11
Department of State	67	67	100	70	70	100	70	70	100

See explanatory information, if any, and SOURCE at end of table.

Table C-87. Federal obligations for total basic research to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per-cent of total	1996			1997		
				Total	Personnel costs	Per-cent of total	Total	Personnel costs	Per-cent of total
Department of Transportation, total	1	1	100	8	1	13	13	1	8
Federal Highway Administration	1	1	100	8	1	13	13	1	8
Department of the Treasury, total	41	6	15	53	5	9	29	3	10
Bureau of Engraving & Printing	41	6	15	53	5	9	29	3	10
Department of Veterans Affairs	12,390	8,177	66	14,372	9,486	66	13,654	9,012	66
Other agencies:									
Environmental Protection Agency	28,632	28,632	100	26,847	26,847	100	30,582	30,582	100
International Development Cooperation Agency, total	365	273	75	1,118	838	75	604	458	76
Agency for Internat'l Dvlpmt	365	273	75	1,118	838	75	604	458	76
Library of Congress	512	386	75	442	441	100	458	417	91
National Aeronautics & Space Admin	494,548	252,679	51	502,309	238,479	47	471,238	243,795	52
National Science Foundation	16,666	11,667	70	19,566	13,692	70	18,410	12,888	70
Smithsonian Institution	124,000	80,600	65	125,400	81,510	65	136,800	88,920	65
Tennessee Valley Authority	8,990	5,484	61	11,790	7,192	61	0	0	0

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

³ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.

⁴ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁵ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁶ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

⁷ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

⁸ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.

NOTES: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

Increases in personnel costs are due to more complete reporting according to the National Science Foundation's definition of R&D, and not to actual increases in personnel costs.

Because of rounding, detail may not add to totals.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-88. Federal obligations for total applied research to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per- cent of total	1996			1997		
				Total	Personnel costs	Per- cent of total	Total	Personnel costs	Per- cent of total
Total, all agencies	5,074,929	2,918,759	58	4,990,398	2,917,303	58	5,028,332	3,026,684	60
Departments:									
Department of Agriculture, total	451,221	282,862	63	438,808	308,823	70	449,070	311,897	69
Agricultural Marketing Service	3,699	1,713	46	4,237	1,745	41	4,271	1,765	41
Agricultural Research Service ¹	246,576	135,020	55	244,475	142,211	58	251,872	149,864	60
Cooperative State Research, Education, & Extension Service ²	10,765	6,294	58	10,649	6,699	63	10,348	6,433	62
Economic Research Service	45,579	34,101	75	46,124	34,760	75	47,758	35,450	74
Foreign Agricultural Service ³	86	86	100	89	89	100	89	89	100
Forest Service	138,954	100,800	73	126,549	117,500	93	127,978	112,390	88
Grain Inspection Packers & Stockyards Administration ⁴	1,484	1,306	88	2,797	2,461	88	2,830	2,490	88
Nat'l Agricultural Statistics Svc	2,522	1,996	79	2,488	1,958	79	2,524	2,016	80
Rural Business-Cooperative Svc ⁵	1,556	1,546	99	1,400	1,400	100	1,400	1,400	100
Department of Commerce, total	558,301	369,312	66	582,374	380,956	65	604,814	399,687	66
Bureau of the Census	2,618	1,846	71	2,564	2,025	79	2,564	2,025	79
Economic Development Admin	10	5	50	10	5	50	30	15	50
National Inst of Standards & Tech	154,672	95,321	62	163,961	102,802	63	167,620	107,256	64
Nat'l Oceanic & Atmospheric Admin	394,617	265,756	67	411,359	271,644	66	429,855	285,646	66
National Telecommunications & Information Administration	6,383	6,383	100	4,479	4,479	100	4,745	4,745	100
Office of the Secretary	1	1	100	1	1	100	0	0	0
Department of Defense, total	1,243,191	684,680	55	1,129,487	653,377	58	1,073,274	640,792	60
Department of the Army	415,590	255,656	62	315,074	225,657	72	318,834	223,062	70
Department of the Navy	241,854	140,203	58	278,490	161,441	58	228,816	132,645	58
Department of the Air Force	359,088	211,596	59	371,220	211,629	57	367,665	229,870	63
Defense Agencies, total	226,659	77,225	34	164,703	54,650	33	157,959	55,215	35
Ballistic Missile Defense Organization	14,980	58	*	11,834	2,871	24	15,971	2,934	18
Defense Advanced Research Projects Agency ⁶	54,191	40,643	75	41,670	31,253	75	43,940	32,955	75
Defense Information Systems Agency	1,717	1	*	1,455	1	*	1,849	1	*
Defense Logistics Agency	7,062	1	*	7,981	1	*	7,785	1	*
Defense Nuclear Agency	47,118	4,711	10	35,962	3,596	10	41,405	4,140	10
Special Operations Command	22,883	644	3	12,491	352	3	8,627	243	3
Washington Headquarters Svcs ⁷	78,708	31,167	40	53,310	16,576	31	38,382	14,941	39

See explanatory information, if any, and SOURCE at end of table.

Table C-88. Federal obligations for total applied research to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per- cent of total	1996			1997		
				Total	Personnel costs	Per- cent of total	Total	Personnel costs	Per- cent of total
Department of Education	6,947	4,771	69	6,479	4,558	70	6,808	4,664	69
Department of Energy	193,835	39,046	20	135,259	33,431	25	183,374	35,443	19
Dept of Health & Human Svcs, total	1,051,103	621,812	59	1,091,584	628,399	58	1,046,659	671,481	64
Administration on Aging	171	115	67	0	0	0	0	0	0
Admin for Children & Families	224	224	100	166	166	100	351	351	100
Agcy for Hlth Care Policy & Rsch	15,290	1,423	9	10,923	4,059	37	18,715	6,583	35
Centers for Disease Control & Prevention	275,498	234,173	85	281,294	239,100	85	319,294	271,400	85
Food & Drug Administration	153,932	138,539	90	153,932	138,539	90	153,932	138,539	90
Health Care Financing Admin	64	10	16	40	10	25	51	10	20
Health Resources & Services Admin	1,472	1,384	94	1,277	1,186	93	1,291	1,197	93
National Institutes of Health ⁸	590,091	233,892	40	640,452	242,439	38	549,525	250,701	46
Office of the Secretary	3,750	1,441	38	3,500	2,900	83	3,500	2,700	77
Social Security Administration ⁹	10,611	10,611	100	NA	NA	NA	NA	NA	NA
Dept of Housing & Urban Dvlpmt	7,401	5,000	68	8,502	6,000	71	11,612	9,000	78
Department of the Interior, total	423,487	253,085	60	428,652	233,183	54	441,233	248,678	56
Bureau of Reclamation	5,082	3,049	60	4,058	2,435	60	5,655	3,393	60
Geological Survey ¹⁰	284,367	164,958	58	407,907	220,294	54	418,398	234,312	56
Minerals Management Service	5,943	3,422	58	7,731	3,797	49	7,809	3,901	50
National Biological Service ^{11 10}	119,296	75,156	63	NA	NA	NA	NA	NA	NA
National Park Service ¹¹	8,799	6,500	74	8,956	6,657	74	9,371	7,072	75
Department of Justice, total	2,923	1,817	62	3,285	1,762	54	5,076	1,770	35
Bureau of Prisons	2,068	1,600	77	1,900	1,500	79	1,900	1,500	79
Drug Enforcement Administration	0	0	0	45	45	100	50	50	100
Immigration & Naturalization Svc	40	40	100	40	40	100	40	40	100
Office of Justice Programs	815	177	22	1,300	177	14	3,086	180	6
Department of Labor, total	6,712	5,843	87	6,344	3,977	63	5,770	3,513	61
Bureau of Labor Statistics	1,500	1,200	80	1,800	1,440	80	1,300	960	74
Employment & Training Admin	1,144	650	57	850	760	89	681	681	100
Occupational Safety & Hlth Admin	1,286	1,286	100	935	935	100	1,029	1,029	100
Office of the Secretary	1,942	1,867	96	1,918	1	*	1,918	1	*
Pension Benefit Guaranty Corp	52	52	100	53	53	100	54	54	100
Pension & Welfare Benefits Admin	788	788	100	788	788	100	788	788	100
Department of State	335	335	100	335	335	100	335	335	100

See explanatory information, if any, and SOURCE at end of table.

Table C-88. Federal obligations for total applied research to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per-cent of total	1996			1997		
				Total	Personnel costs	Per-cent of total	Total	Personnel costs	Per-cent of total
Department of Transportation, total	133,863	29,796	22	113,600	32,718	29	147,964	35,440	24
Coast Guard	3,360	991	29	3,383	998	30	3,370	973	29
Federal Aviation Administration	42,444	17,700	42	31,819	21,053	66	35,608	22,029	62
Federal Highway Administration	50,744	75	*	46,406	461	1	65,662	561	1
Federal Railroad Administration	12,702	1,722	14	9,106	1,722	19	14,451	1,678	12
Federal Transit Administration	1,002	842	84	1,115	815	73	1,102	802	73
Maritime Administration	723	487	67	0	0	0	454	242	53
National Highway Traffic Safety Administration	20,865	6,885	33	19,209	6,339	33	23,681	7,815	33
Office of the Secretary	90	90	100	0	0	0	0	0	0
Research & Special Programs Admin ..	1,933	1,004	52	2,562	1,330	52	3,636	1,340	37
Department of the Treasury, total	29,215	21,351	73	34,116	24,636	72	38,341	30,148	79
Bureau of Engraving & Printing	1,099	92	8	1,107	122	11	1,095	114	10
Internal Revenue Service	27,285	20,563	75	32,139	23,782	74	36,298	29,233	81
Office of Thrift Supervision	550	415	75	546	408	75	583	436	75
United States Customs Service	40	40	100	60	60	100	70	70	100
United States Secret Service ¹²	241	241	100	264	264	100	295	295	100
Department of Veterans Affairs	205,416	135,574	66	238,591	157,470	66	221,670	146,302	66
Other agencies:									
Advisory Commission on Intergovernmental Relations	1,413	893	63	1,402	850	61	0	0	0
Appalachian Regional Commission	100	100	100	100	100	100	100	100	100
Environmental Protection Agency	134,954	134,954	100	116,595	116,595	100	136,639	136,639	100
Federal Communications Commission	2,268	2,268	100	2,819	2,819	100	2,749	2,749	100
Federal Trade Commission	564	395	70	981	697	71	1,034	724	70
International Development Cooperation Agency, total	56,781	42,450	75	33,197	25,346	76	18,969	14,269	75
Agency for Internat'l Dvlpmt	56,781	42,450	75	33,197	25,346	76	18,969	14,269	75
Library of Congress	1,594	1,158	73	1,385	1,385	100	1,428	1,251	88
National Aeronautics & Space Admin	516,974	257,232	50	568,085	273,516	48	588,897	308,015	52
National Archives & Records Admin	120	120	100	120	120	100	120	120	100
National Science Foundation	677	473	70	495	351	71	532	371	70
Nuclear Regulatory Commission	15,463	11,549	75	13,872	10,968	79	13,760	11,271	82
Social Security Administration ⁹	NA	NA	NA	1,656	1,656	100	1,075	1,075	100
Tennessee Valley Authority	17,380	5,108	29	19,340	5,907	31	14,182	3,718	26

See explanatory information, if any, and SOURCE at end of table.

Table C-88. Federal obligations for total applied research to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per-cent of total	1996			1997		
				Total	Personnel costs	Per-cent of total	Total	Personnel costs	Per-cent of total
US Arms Control & Disarmament Agcy ...	250	50	20	90	18	20	200	40	20
United States Information Agency	289	5	2	150	5	3	136	5	4
US Internat'l Trade Commission	12,152	6,720	55	12,695	7,345	58	12,511	7,187	57

- ¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- ² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- ³ The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- ⁴ The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- ⁵ This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- ⁶ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.
- ⁷ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.
- ⁸ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- ⁹ As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- ¹⁰ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- ¹¹ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- ¹² The United States Secret Service was formerly listed as the Office of Protective Research.

NOTES: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

Increases in personnel costs are due to more complete reporting according to the National Science Foundation's definition of R&D, and not to actual increases in personnel costs.

Because of rounding, detail may not add to totals.

KEY: * = Percentage less than .05%

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-89. Federal obligations for total development to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per- cent of total	1996			1997		
				Total	Personnel costs	Per- cent of total	Total	Personnel costs	Per- cent of total
Total, all agencies	9,554,898	4,025,408	42	9,492,771	3,946,036	42	8,707,574	3,775,561	43
Departments:									
Department of Agriculture, total	75,863	45,184	60	75,667	47,867	63	78,117	49,939	64
Agricultural Marketing Service	617	352	57	627	358	57	634	362	57
Agricultural Research Service ¹	51,911	28,255	54	51,469	29,940	58	53,025	31,550	60
Animal & Plant Hlth Inspection Svc	17,530	12,797	73	18,231	13,309	73	19,065	13,917	73
Forest Service	5,805	3,780	65	5,340	4,260	80	5,393	4,110	76
Department of Commerce, total	71,856	44,523	62	72,625	44,638	61	73,320	44,575	61
Bureau of the Census	1,926	1,407	73	4,203	2,162	51	4,203	2,162	51
National Inst of Standards & Tech	22,081	13,099	59	23,118	13,448	58	24,112	14,011	58
Nat'l Oceanic & Atmospheric Admin	47,849	30,017	63	45,304	29,028	64	45,005	28,402	63
Department of Defense, total ²	7,343,310	2,924,485	40	7,253,185	2,882,819	40	6,552,774	2,664,616	41
Department of the Army	1,866,769	928,713	50	1,854,466	1,062,965	57	1,862,822	1,024,718	55
Department of the Navy	2,974,690	1,212,823	41	2,791,393	1,146,232	41	2,493,296	1,043,125	42
Department of the Air Force	723,479	143,748	20	610,302	119,681	20	587,852	115,919	20
Defense Agencies, total	1,575,853	637,041	40	1,789,544	551,643	31	1,381,132	478,334	35
Ballistic Missile Defense									
Organization	425,665	137,183	32	525,582	123,956	24	440,721	126,933	29
Defense Advanced Research									
Projects Agency ³	326,132	236,610	73	297,017	214,460	72	261,740	186,960	71
Defense Information Systems									
Agency	16,754	9,877	59	14,256	10,232	72	15,742	10,855	69
Defense Logistics Agency	9,750	2,238	23	16,650	3,401	20	20,892	2,401	11
Defense Mapping Agency	4,672	2,658	57	3,569	1,999	56	9,592	5,372	56
Defense Nuclear Agency	8,744	874	10	7,589	758	10	6,455	645	10
Joint Staff	3,656	1	*	5,263	1	*	35,286	1	*
Special Operations Command	50,958	6,961	14	30,644	4,186	14	25,074	3,425	14
Washington Headquarters Svcs ⁴	729,522	240,639	33	888,974	192,650	22	565,630	141,742	25
Operational Test & Evaluation,									
Director	7,937	214	3	8,721	310	4	7,687	320	4
Test & Evaluation, Deputy Under									
Secretary of Defense	194,582	1,946	1	198,759	1,988	1	219,985	2,200	1
Department of Defense, total									
advanced technology (at) ²	1,504,690	679,258	45	1,510,673	629,942	42	1,159,366	466,600	40
Department of the Army (at)	369,952	212,952	58	323,063	229,617	71	242,190	126,888	52
Department of the Navy (at)	176,220	64,743	37	215,306	79,103	37	169,611	62,315	37
Department of the Air Force (at)	158,681	40,120	25	125,895	26,882	21	132,857	30,480	23
Defense Agencies, total (at)	799,837	361,443	45	846,409	294,340	35	614,708	246,917	40
Ballistic Missile Defense									
Organization (at)	72,141	24,956	35	106,594	19,780	19	76,371	17,889	23
Defense Advanced Research									
Projects Agency (at) ³	291,399	218,549	75	260,919	195,689	75	221,117	165,837	75
Defense Logistics Agency (at)	6,765	117	2	13,967	1,001	7	18,162	1	*
Defense Nuclear Agency (at)	8,744	874	10	7,589	758	10	6,455	645	10
Joint Staff (at)	3,656	1	*	5,263	1	*	35,286	1	*
Special Operations Command (at) ...	19,365	2,645	14	12,870	1,758	14	10,531	1,438	14
Washington Headquarters Services									
(at) ⁴	397,767	114,301	29	439,207	75,353	17	246,786	61,106	25

See explanatory information, if any, and SOURCE at end of table.

Table C-89. Federal obligations for total development to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per- cent of total	1996			1997		
				Total	Personnel costs	Per- cent of total	Total	Personnel costs	Per- cent of total
Department of Defense, total major systems (ms) ²	5,838,620	2,245,227	38	5,742,512	2,252,877	39	5,393,408	2,198,016	41
Department of the Army (ms)	1,496,817	715,761	48	1,531,403	833,348	54	1,620,632	897,830	55
Department of the Navy (ms)	2,798,470	1,148,080	41	2,576,087	1,067,129	41	2,323,685	980,810	42
Department of the Air Force (ms)	564,798	103,628	18	484,407	92,799	19	454,995	85,439	19
Defense Agencies, total (ms)	776,016	275,598	36	943,135	257,303	27	766,424	231,417	30
Ballistic Missile Defense Organization (ms)	353,524	112,227	32	418,988	104,176	25	364,350	109,044	30
Defense Advanced Research Projects Agency (ms) ³	34,733	18,061	52	36,098	18,771	52	40,623	21,123	52
Defense Information Systems Agency (ms)	16,754	9,877	59	14,256	10,232	72	15,742	10,855	69
Defense Logistics Agency (ms)	2,985	2,121	71	2,683	2,400	89	2,730	2,400	88
Defense Mapping Agency (ms)	4,672	2,658	57	3,569	1,999	56	9,592	5,372	56
Special Operations Command (ms)	31,593	4,316	14	17,774	2,428	14	14,543	1,987	14
Washington Headquarters Services (ms) ⁴	331,755	126,338	38	449,767	117,297	26	318,844	80,636	25
Operational Test & Evaluation, Director (ms)	7,937	214	3	8,721	310	4	7,687	320	4
Test & Evaluation, Deputy Under Secretary of Defense (ms)	194,582	1,946	1	198,759	1,988	1	219,985	2,200	1
Department of Education	2,020	1,505	75	2,237	1,680	75	2,353	1,725	73
Department of Energy	259,975	69,822	27	221,809	66,436	30	255,352	65,929	26
Dept of Health & Human Svcs, total	239,993	120,944	50	240,170	119,849	50	173,421	124,304	72
Administration on Aging	683	462	68	683	462	68	341	231	68
Admin for Children & Families	16	16	100	14	14	100	29	29	100
Agcy for Hlth Care Policy & Rsch	11,287	11,287	100	6,186	6,186	100	7,000	7,000	100
Health Resources & Services Admin ..	350	1	*	350	1	*	0	0	0
National Institutes of Health ⁵	227,628	109,149	48	232,889	113,138	49	166,001	116,994	70
Office of the Assistant Secretary for Health	29	29	100	48	48	100	50	50	100
Dept of Housing & Urban Dvlpmt	18,281	14,000	77	10,474	8,000	76	14,203	11,000	77
Department of the Interior, total	18,178	11,293	62	14,601	9,317	64	16,033	9,986	62
Bureau of Reclamation	1,993	470	24	1,508	472	31	1,911	475	25
Geological Survey ⁶	4,247	3,182	75	13,087	8,840	68	14,122	9,511	67
National Biological Service ^{7 6}	11,932	7,636	64	NA	NA	NA	NA	NA	NA
Office of the Secretary	6	5	83	6	5	83	0	0	0
Department of Justice, total	14,454	4,780	33	38,884	4,886	13	37,879	4,871	13
Bureau of Prisons	532	400	75	500	400	80	500	400	80
Drug Enforcement Administration	50	50	100	100	100	100	50	50	100
Federal Bureau of Investigation	10,937	4,228	39	36,784	4,272	12	34,829	4,317	12
Office of Justice Programs	2,935	102	3	1,500	114	8	2,500	104	4
Department of Labor, total	2,633	1,289	49	1,332	851	64	3,818	968	25
Employment & Training Admin	1,600	706	44	700	665	95	778	778	100
Office of the Secretary	852	402	47	447	1	*	2,851	1	*
Pension Benefit Guaranty Corp	181	181	100	185	185	100	189	189	100
Department of Transportation, total	101,681	56,196	55	77,462	53,924	70	91,374	52,634	58
Coast Guard	10,640	4,480	42	10,843	4,552	42	10,670	4,485	42
Federal Aviation Administration	79,988	47,104	59	55,989	45,459	81	59,411	44,517	75
Federal Highway Administration	1,244	25	2	1,224	11	1	16,033	7	*
Federal Railroad Administration	2,900	240	8	3,362	293	9	650	293	45
Federal Transit Administration	3,230	1,370	42	1,519	1,349	89	1,528	1,328	87
Office of the Secretary	2,811	2,526	90	2,897	2,025	70	2,808	1,768	63
Research & Special Programs Admin ..	868	451	52	1,628	235	14	274	236	86

See explanatory information, if any, and SOURCE at end of table.

Table C-89. Federal obligations for total development to intramural performers for personnel costs, by agency: fiscal years 1995, 1996, and 1997

[In thousands of dollars and percentages]

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Agency and subdivision	1995			Preliminary					
	Total	Personnel costs	Per-cent of total	1996			1997		
				Total	Personnel costs	Per-cent of total	Total	Personnel costs	Per-cent of total
Department of the Treasury, total	5,919	3,240	55	6,178	3,696	60	6,215	3,789	61
Bureau of Engraving & Printing	476	33	7	889	89	10	828	83	10
Internal Revenue Service	3,901	1,665	43	3,446	1,764	51	3,498	1,817	52
United States Customs Service	1,500	1,500	100	1,800	1,800	100	1,800	1,800	100
United States Mint	42	42	100	43	43	100	89	89	100
Department of Veterans Affairs	17,554	11,586	66	21,384	14,113	66	20,676	13,646	66
Other agencies:									
Consumer Product Safety Commission ...	367	175	48	30	30	100	0	0	0
Environmental Protection Agency	61,053	61,053	100	42,743	42,743	100	69,412	69,412	100
International Dvlpmnt Cooperation									
Agency, total	4,802	3,608	75	2,252	1,679	75	1,676	1,254	75
Agency for Internat'l Dvlpmnt	4,802	3,608	75	2,252	1,679	75	1,676	1,254	75
Library of Congress	8,045	6,099	76	6,493	6,493	100	7,230	6,587	91
National Aeronautics & Space Admin	1,242,214	628,284	51	1,333,023	618,238	46	1,240,903	637,436	51
Tennessee Valley Authority	66,700	17,342	26	72,222	18,777	26	62,818	12,890	21

¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

² Not all Department of Defense (DoD) agencies with development obligations are able to categorize these obligations according to the advanced technology and major systems development breakdown. Therefore, total DoD development does not equal the sum of total DoD advanced technology development and total DoD major systems development.

³ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁴ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁵ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

⁶ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

⁷ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.

NOTES: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

KEY: * = Percentage less than .05%

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997